

Silane, diethyldi(1-phenylpropoxy)-

Inchi: InChI=1S/C22H32O2Si/c1-5-21(19-15-11-9-12-16-19)23-25(7-3,8-4)24-22(6-2)20-17-13-
InchiKey: ZBMFPMVKKHKGKM-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CCC(O[Si](CC)(CC)OC(CC)c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.96		Crippen Method
logp	6.804		Crippen Method
rinpol	2109.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363279&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/31-796-4/Silane-diethyldi-1-phenylpropoxy.pdf>

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